



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/155,514E

DATE: 09/12/2005

TIME: 09:41:26

Input Set : A:\1102-98.txt
 Output Set: N:\CRF4\09122005\I155514E.raw

4 <110> APPLICANT: Kainoh, Mie
 5 Tanaka, Toshiaki
 7 <120> TITLE OF INVENTION: Chimeric Proteins, their Heterodimer
 8 Complexes, and Platelet Substitutes
 12 <130> FILE REFERENCE: 1102-98
 14 <140> CURRENT APPLICATION NUMBER: 09/155,514E
 15 <141> CURRENT FILING DATE: 1998-11-17
 17 <150> PRIOR APPLICATION NUMBER: WO PCT/JP98/00370
 18 <151> PRIOR FILING DATE: 1998-01-29
 20 <150> PRIOR APPLICATION NUMBER: JP 9-15118
 21 <151> PRIOR FILING DATE: 1997-01-29
 23 <150> PRIOR APPLICATION NUMBER: JP-9-234544
 24 <151> PRIOR FILING DATE: 1997-08-29
 26 <160> NUMBER OF SEQ ID NOS: 34
 28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 30 <210> SEQ ID NO: 1
 31 <211> LENGTH: 4228
 32 <212> TYPE: DNA
 33 <213> ORGANISM: Artificial Sequence
 35 <220> FEATURE:
 36 <223> OTHER INFORMATION: sequence encoding fusion protein
 W--> 38 <221> NAME/KEY: CDS
 39 <222> LOCATION: (1)...(2958)
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 42 <222> LOCATION: (3316)...(3360)
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 45 <222> LOCATION: (3479)...(3808)
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 48 <222> LOCATION: (3905)...(4228)
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 51 atg ttc ccc acc gag agc gca tgg ctt ggg aag cga ggc gcg aac ccg 48
 52 Met Phe Pro Thr Glu Ser Ala Trp Leu Gly Lys Arg Gly Ala Asn Pro
 53 1 5 10 15
 55 ggc ccc gaa gct gca ctc cgg gag acg gtg atg ctg ttg ctg tgc ctg 96
 56 Gly Pro Glu Ala Ala Leu Arg Glu Thr Val Met Leu Leu Cys Leu
 57 20 25 30
 59 ggg gtc ccg acc ggc agg cct tac aac gtg gac act gag agc gcg ctg 144
 60 Gly Val Pro Thr Gly Arg Pro Tyr Asn Val Asp Thr Glu Ser Ala Leu
 61 35 40 45
 63 ctt tac cag ggc ccc cac aac acg ctg ttc ggc tac tcg gtc gtg ctg 192
 64 Leu Tyr Gln Gly Pro His Asn Thr Leu Phe Gly Tyr Ser Val Val Leu
 65 50 55 60
 67 cac agc cac ggg gcg aac cga tgg ctc cta gtg ggt gcg ccc act gcc 240

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| | | | |
|---|-----|-----|------|
| 68 His Ser His Gly Ala Asn Arg Trp Leu Leu Val Gly Ala Pro Thr Ala | | | |
| 69 65 | 70 | 75 | 80 |
| 71 aac tgg ctc gcc aac gct tca gtg atc aat ccc ggg gcg att tac aga | | | 288 |
| 72 Asn Trp Leu Ala Asn Ala Ser Val Ile Asn Pro Gly Ala Ile Tyr Arg | | | |
| 73 85 | 90 | 95 | |
| 75 tgc agg atc gga aag aat ccc ggc cag acg tgc gaa cag ctc cag ctg | | | 336 |
| 76 Cys Arg Ile Gly Lys Asn Pro Gly Gln Thr Cys Glu Gln Leu Gln Leu | | | |
| 77 100 | 105 | 110 | |
| 79 ggt agc cct aat gga gaa cct tgt gga aag act tgt ttg gaa gag aga | | | 384 |
| 80 Gly Ser Pro Asn Gly Glu Pro Cys Gly Lys Thr Cys Leu Glu Glu Arg | | | |
| 81 115 | 120 | 125 | |
| 83 gac aat cag tgg ttg ggg gtc aca ctt tcc aga cag cca gga gaa aat | | | 432 |
| 84 Asp Asn Gln Trp Leu Gly Val Thr Leu Ser Arg Gln Pro Gly Glu Asn | | | |
| 85 130 | 135 | 140 | |
| 87 gga tcc atc gtg act tgt ggg cat aga tgg aaa aat ata ttt tac ata | | | 480 |
| 88 Gly Ser Ile Val Thr Cys Gly His Arg Trp Lys Asn Ile Phe Tyr Ile | | | |
| 89 145 | 150 | 155 | 160 |
| 91 aag aat gaa aat aag ctc ccc act ggt ggt tgc tat gga gtg ccc cct | | | 528 |
| 92 Lys Asn Glu Asn Lys Leu Pro Thr Gly Gly Cys Tyr Gly Val Pro Pro | | | |
| 93 165 | 170 | 175 | |
| 95 gat tta cga aca gaa ctg agt aaa aga ata gct ccg tgt tat caa gat | | | 576 |
| 96 Asp Leu Arg Thr Glu Leu Ser Lys Arg Ile Ala Pro Cys Tyr Gln Asp | | | |
| 97 180 | 185 | 190 | |
| 99 tat gtg aaa aaa ttt gga gaa aat ttt gca tca tgt caa gct gga ata | | | 624 |
| 100 Tyr Val Lys Lys Phe Gly Glu Asn Phe Ala Ser Cys Gln Ala Gly Ile | | | |
| 101 195 | 200 | 205 | |
| 103 tcc agt ttt tac aca aag gat tta att gtg atg ggg gcc cca gga tca | | | 672 |
| 104 Ser Ser Phe Tyr Thr Lys Asp Leu Ile Val Met Gly Ala Pro Gly Ser | | | |
| 105 210 | 215 | 220 | |
| 107 tct tac tgg act ggc tct ctt gtc tac aat ata act aca aat aaa | | | 720 |
| 108 Ser Tyr Trp Thr Gly Ser Leu Phe Val Tyr Asn Ile Thr Thr Asn Lys | | | |
| 109 225 | 230 | 235 | 240 |
| 111 tac aag gct ttt tta gac aaa caa aat caa gta aaa ttt gga agt tat | | | 768 |
| 112 Tyr Lys Ala Phe Leu Asp Lys Gln Asn Gln Val Lys Phe Gly Ser Tyr | | | |
| 113 245 | 250 | 255 | |
| 115 tta gga tat tca gtc gga gct ggt cat ttt cgg agc cag cat act acc | | | 816 |
| 116 Leu Gly Tyr Ser Val Gly Ala Gly His Phe Arg Ser Gln His Thr Thr | | | |
| 117 260 | 265 | 270 | |
| 119 gaa gta gtc gga gga gct cct caa cat gag cag att ggt aag gca tat | | | 864 |
| 120 Glu Val Val Gly Gly Ala Pro Gln His Glu Gln Ile Gly Lys Ala Tyr | | | |
| 121 275 | 280 | 285 | |
| 123 ata ttc agc att gat gaa aaa gaa cta aat atc tta cat gaa atg aaa | | | 912 |
| 124 Ile Phe Ser Ile Asp Glu Lys Glu Leu Asn Ile Leu His Glu Met Lys | | | |
| 125 290 | 295 | 300 | |
| 127 ggt aaa aag ctt gga tcg tac ttt gga gct tct gtc tgt gct gtg gac | | | 960 |
| 128 Gly Lys Lys Leu Gly Ser Tyr Phe Gly Ala Ser Val Cys Ala Val Asp | | | |
| 129 305 | 310 | 315 | 320 |
| 131 ctc aat gca gat ggc ttc tca gat ctg ctc gtg gga gca ccc atg cag | | | 1008 |
| 132 Leu Asn Ala Asp Gly Phe Ser Asp Leu Leu Val Gly Ala Pro Met Gln | | | |

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| | | | | |
|-----|---|-----|-----|------|
| 133 | 325 | 330 | 335 | |
| 135 | agc acc atc aga gag gaa gga aga gtg ttt gtg tac atc aac tct ggc | | | 1056 |
| 136 | Ser Thr Ile Arg Glu Glu Gly Arg Val Phe Val Tyr Ile Asn Ser Gly | | | |
| 137 | 340 | 345 | 350 | |
| 139 | tcg gga gca gta atg aat gca atg gaa aca aac ctc gtt gga agt gac | | | 1104 |
| 140 | Ser Gly Ala Val Met Asn Ala Met Glu Thr Asn Leu Val Gly Ser Asp | | | |
| 141 | 355 | 360 | 365 | |
| 143 | aaa tat gct gca aga ttt ggg gaa tct ata gtt aat ctt ggc gac att | | | 1152 |
| 144 | Lys Tyr Ala Ala Arg Phe Gly Glu Ser Ile Val Asn Leu Gly Asp Ile | | | |
| 145 | 370 | 375 | 380 | |
| 147 | gac aat gat ggc ttt gaa gat gtt gct atc gga gct cca caa gaa gat | | | 1200 |
| 148 | Asp Asn Asp Gly Phe Glu Asp Val Ala Ile Gly Ala Pro Gln Glu Asp | | | |
| 149 | 385 | 390 | 395 | 400 |
| 151 | gac ttg caa ggt gct att tat att tac aat ggc cgt gca gat ggg atc | | | 1248 |
| 152 | Asp Leu Gln Gly Ala Ile Tyr Ile Tyr Asn Gly Arg Ala Asp Gly Ile | | | |
| 153 | 405 | 410 | 415 | |
| 155 | tcg tca acc ttc tca cag aga att gaa gga ctt cag atc agc aaa tcg | | | 1296 |
| 156 | Ser Ser Thr Phe Ser Gln Arg Ile Glu Gly Leu Gln Ile Ser Lys Ser | | | |
| 157 | 420 | 425 | 430 | |
| 159 | tta agt atg ttt gga cag tct ata tca gga caa att gat gca gat aat | | | 1344 |
| 160 | Leu Ser Met Phe Gly Gln Ser Ile Ser Gly Gln Ile Asp Ala Asp Asn | | | |
| 161 | 435 | 440 | 445 | |
| 163 | aat ggc tat gta gat gta gca gtt ggt gct ttt cgg tct gat tct gct | | | 1392 |
| 164 | Asn Gly Tyr Val Asp Val Ala Val Gly Ala Phe Arg Ser Asp Ser Ala | | | |
| 165 | 450 | 455 | 460 | |
| 167 | gtc ttg cta agg aca aga cct gta gta att gtt gac gct tct tta agc | | | 1440 |
| 168 | Val Leu Leu Arg Thr Arg Pro Val Val Ile Val Asp Ala Ser Leu Ser | | | |
| 169 | 465 | 470 | 475 | 480 |
| 171 | cac cct gag tca gta aat aga acg aaa ttt gac tgt gtt gaa aat gga | | | 1488 |
| 172 | His Pro Glu Ser Val Asn Arg Thr Lys Phe Asp Cys Val Glu Asn Gly | | | |
| 173 | 485 | 490 | 495 | |
| 175 | tgg cct tct gtg tgc ata gat cta aca ctt tgt ttc tca tat aag ggc | | | 1536 |
| 176 | Trp Pro Ser Val Cys Ile Asp Leu Thr Leu Cys Phe Ser Tyr Lys Gly | | | |
| 177 | 500 | 505 | 510 | |
| 179 | aag gaa gtt cca ggt tac att gtt ttg ttt tat aac atg agt ttg gat | | | 1584 |
| 180 | Lys Glu Val Pro Gly Tyr Ile Val Leu Phe Tyr Asn Met Ser Leu Asp | | | |
| 181 | 515 | 520 | 525 | |
| 183 | gtg aac aga aag gca gag tct cca cca aga ttc tat ttc tct tct aat | | | 1632 |
| 184 | Val Asn Arg Lys Ala Glu Ser Pro Pro Arg Phe Tyr Phe Ser Ser Asn | | | |
| 185 | 530 | 535 | 540 | |
| 187 | gga act tct gac gtg att aca gga agc ata cag gtg tcc agc aga gaa | | | 1680 |
| 188 | Gly Thr Ser Asp Val Ile Thr Gly Ser Ile Gln Val Ser Ser Arg Glu | | | |
| 189 | 545 | 550 | 555 | 560 |
| 191 | gct aac tgt aga aca cat caa gca ttt atg cgg aaa gat gtg cgg gac | | | 1728 |
| 192 | Ala Asn Cys Arg Thr His Gln Ala Phe Met Arg Lys Asp Val Arg Asp | | | |
| 193 | 565 | 570 | 575 | |
| 195 | atc ctc acc cca att cag att gaa gct gct tac cac ctt ggt cct cat | | | 1776 |
| 196 | Ile Leu Thr Pro Ile Gln Ile Glu Ala Ala Tyr His Leu Gly Pro His | | | |
| 197 | 580 | 585 | 590 | |

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| | |
|---|------|
| 199 gtc atc agt aaa cga agt aca gag gaa ttc cca cca ctt cag cca att | 1824 |
| 200 Val Ile Ser Lys Arg Ser Thr Glu Glu Phe Pro Pro Leu Gln Pro Ile | |
| 201 595 600 605 | |
| 203 ctt cag cag aag aaa gaa aaa gac ata atg aaa aaa aca ata aac ttt | 1872 |
| 204 Leu Gln Gln Lys Lys Glu Lys Asp Ile Met Lys Lys Thr Ile Asn Phe | |
| 205 610 615 620 | |
| 207 gca agg ttt tgt gcc cat gaa aat tgt tct gct gat tta cag gtt tct | 1920 |
| 208 Ala Arg Phe Cys Ala His Glu Asn Cys Ser Ala Asp Leu Gln Val Ser | |
| 209 625 630 635 640 | |
| 211 gca aag att ggg ttt ttg aag ccc cat gaa aat aaa aca tat ctt gct | 1968 |
| 212 Ala Lys Ile Gly Phe Leu Lys Pro His Glu Asn Lys Thr Tyr Leu Ala | |
| 213 645 650 655 | |
| 215 gtt ggg agt atg aag aca ttg atg ttg aat gtg tcc ttg ttt aat gct | 2016 |
| 216 Val Gly Ser Met Lys Thr Leu Met Leu Asn Val Ser Leu Phe Asn Ala | |
| 217 660 665 670 | |
| 219 gga gat gat gca tat gaa acg act cta cat gtc aaa cta ccc gtg ggt | 2064 |
| 220 Gly Asp Asp Ala Tyr Glu Thr Thr Leu His Val Lys Leu Pro Val Gly | |
| 221 675 680 685 | |
| 223 ctt tat ttc att aag att tta gag ctg gaa gag aag caa ata aac tgt | 2112 |
| 224 Leu Tyr Phe Ile Lys Ile Leu Glu Leu Glu Lys Gln Ile Asn Cys | |
| 225 690 695 700 | |
| 227 gaa gtc aca gat aac tct ggc gtg gta caa ctt gac tgc agt att ggc | 2160 |
| 228 Glu Val Thr Asp Asn Ser Gly Val Val Gln Leu Asp Cys Ser Ile Gly | |
| 229 705 710 715 720 | |
| 231 tat ata tat gta gat cat ctc tca agg ata gat att agc ttt ctc ctg | 2208 |
| 232 Tyr Ile Tyr Val Asp His Leu Ser Arg Ile Asp Ile Ser Phe Leu Leu | |
| 233 725 730 735 | |
| 235 gat gtg agc tca ctc agc aga gcg gaa gag gac ctc agt atc aca gtg | 2256 |
| 236 Asp Val Ser Ser Leu Ser Arg Ala Glu Glu Asp Leu Ser Ile Thr Val | |
| 237 740 745 750 | |
| 239 cat gct acc tgt gaa aat gaa gag gaa atg gac aat cta aag cac agc | 2304 |
| 240 His Ala Thr Cys Glu Asn Glu Glu Met Asp Asn Leu Lys His Ser | |
| 241 755 760 765 | |
| 243 aga gtg act gta gca ata cct tta aaa tat gag gtt aag ctg act gtt | 2352 |
| 244 Arg Val Thr Val Ala Ile Pro Leu Lys Tyr Glu Val Lys Leu Thr Val | |
| 245 770 775 780 | |
| 247 cat ggg ttt gta aac cca act tca ttt gtg tat gga tca aat gat gaa | 2400 |
| 248 His Gly Phe Val Asn Pro Thr Ser Phe Val Tyr Gly Ser Asn Asp Glu | |
| 249 785 790 795 800 | |
| 251 aat gag cct gaa acg tgc atg gtg gag aaa atg aac tta act ttc cat | 2448 |
| 252 Asn Glu Pro Glu Thr Cys Met Val Glu Lys Met Asn Leu Thr Phe His | |
| 253 805 810 815 | |
| 255 gtt atc aac act ggc aat agt atg gct ccc aat gtt agt gtg gaa ata | 2496 |
| 256 Val Ile Asn Thr Gly Asn Ser Met Ala Pro Asn Val Ser Val Glu Ile | |
| 257 820 825 830 | |
| 259 atg gta cca aat tct ttt agc ccc caa act gat aag ctg ttc aac att | 2544 |
| 260 Met Val Pro Asn Ser Phe Ser Pro Gln Thr Asp Lys Leu Phe Asn Ile | |
| 261 835 840 845 | |
| 263 ttg gat gtc cag act act gca gaa tgc cac ttt gaa aat tat caa | 2592 |

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|-----|-----|------|-----|-----|------|-----|-----|------|-----|------|-----|------|-----|-----|-----|------|------|------|------|------|-----|--|--|
| 264 | Leu | Asp | Val | Gln | Thr | Thr | Gly | Glu | Cys | His | Phe | Glu | Asn | Tyr | Gln | | | | | | | | |
| 265 | 850 | | | | 855 | | | | | | 860 | | | | | | | | | | | | |
| 267 | aga | gtg | tgt | gca | tta | gag | cag | caa | aag | agt | gca | atg | cag | acc | ttg | aaa | 2640 | | | | | | |
| 268 | Arg | Val | Cys | Ala | Leu | Glu | Gln | Gln | Lys | Ser | Ala | Met | Gln | Thr | Leu | Lys | | | | | | | |
| 269 | 865 | | | | 870 | | | | | | 875 | | | | 880 | | | | | | | | |
| 271 | ggc | ata | gtc | cg | ttc | ttg | tcc | aag | act | gat | aag | agg | cta | ttg | tac | tgc | 2688 | | | | | | |
| 272 | Gly | Ile | Val | Arg | Phe | Leu | Ser | Lys | Thr | Asp | Lys | Arg | Leu | Leu | Tyr | Cys | | | | | | | |
| 273 | | 885 | | | | 890 | | | 895 | | | | | | | | | | | | | | |
| 275 | ata | aaa | gct | gat | cca | cat | tgt | tta | aat | ttc | ttg | tgt | aat | ttt | ggg | aaa | 2736 | | | | | | |
| 276 | Ile | Lys | Ala | Asp | Pro | His | Cys | Leu | Asn | Phe | Leu | Cys | Asn | Phe | Gly | Lys | | | | | | | |
| 277 | | 900 | | | 905 | | | 910 | | | | | | | | | | | | | | | |
| 279 | atg | gaa | agt | gga | aaa | gaa | gcc | agt | gtt | cat | atc | caa | ctg | gaa | ggc | cg | 2784 | | | | | | |
| 280 | Met | Glu | Ser | Gly | Lys | Glu | Ala | Ser | Val | His | Ile | Gln | Leu | Glu | Gly | Arg | | | | | | | |
| 281 | | 915 | | | 920 | | | 925 | | | | | | | | | | | | | | | |
| 283 | cca | tcc | att | tta | gaa | atg | gat | gag | act | tca | gca | ctc | aag | ttt | gaa | ata | 2832 | | | | | | |
| 284 | Pro | Ser | Ile | Leu | Glu | Met | Asp | Glu | Thr | Ser | Ala | Leu | Lys | Phe | Glu | Ile | | | | | | | |
| 285 | | 930 | | | 935 | | | 940 | | | | | | | | | | | | | | | |
| 287 | aga | gca | aca | ggt | ttt | cca | gag | cca | aat | cca | aga | gta | att | gaa | cta | aac | 2880 | | | | | | |
| 288 | Arg | Ala | Thr | Gly | Phe | Pro | Glu | Pro | Asn | Pro | Arg | Val | Ile | Glu | Leu | Asn | | | | | | | |
| 289 | | 945 | | | 950 | | | 955 | | | 960 | | | | | | | | | | | | |
| 291 | aag | gat | gag | aat | gtt | g | cg | cat | gtt | cta | ctg | gaa | gga | cta | cat | caa | 2928 | | | | | | |
| 292 | Lys | Asp | Glu | Asn | Val | Ala | His | Val | Leu | Leu | Glu | Gly | Leu | His | His | Gln | | | | | | | |
| 293 | | 965 | | | 970 | | | 975 | | | | | | | | | | | | | | | |
| 295 | aga | ccc | aaa | cgt | tat | ttc | acg | gat | ccc | gag | ctg | ctg | gaa | agg | ctc | agc | 2978 | | | | | | |
| 296 | Arg | Pro | Lys | Arg | Tyr | Phe | Thr | Asp | Pro | Glu | | | | | | | | | | | | | |
| 297 | | 980 | | | 985 | | | | | | | | | | | | | | | | | | |
| 299 | g | c | t | c | t | g | c | t | c | g | c | g | c | g | c | ccc | 3038 | | | | | | |
| 300 | gt | ct | g | c | c | t | t | c | g | cc | c | act | cat | gt | c | agg | ttt | 3098 | | | | | |
| 301 | gg | ct | tt | tt | cc | c | agg | ct | tg | g | ca | g | ac | g | cc | ct | gc | aca | 3158 | | | | |
| 302 | ca | aa | gg | gg | gg | ca | gg | gg | gg | tc | ag | g | cc | gg | gg | gg | gg | 3218 | | | | | |
| 303 | tg | ac | ct | ta | ag | ac | cc | cc | cc | cc | ct | cc | ct | cc | ct | cc | tc | 3278 | | | | | |
| 304 | ct | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | 3333 | | | | | |
| 305 | | | | | | | | | | | | | | | | Glu | Pro | Lys | Ser | Cys | Asp | | |
| 306 | | | | | | | | | | | | | | | | 990 | | | | | | | |
| 308 | aaa | act | cac | aca | tgc | cca | ccg | tgc | cca | ggta | agg | ccag | ccc | agg | cc | tc | 3380 | | | | | | |
| 309 | Lys | Thr | His | Thr | Cys | Pro | Pro | Cys | Pro | | | | | | | | | | | | | | |
| 310 | | 995 | | | 1000 | | | | | | | | | | | | | | | | | | |
| 312 | g | cc | c | cc | c | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | 3440 | | | | | |
| 313 | ag | cc | gg | gg | gt | gc | ac | cc | cc | cc | cc | cc | cc | cc | cc | cc | cc | 3496 | | | | | |
| 314 | | | | | | | | | | | | | | | | | Ala | Pro | Glu | Leu | Gly | | |
| 315 | | | | | | | | | | | | | | | | 1005 | | | | | | | |
| 317 | g | ga | cc | tca | gtc | ttc | ctc | ttc | ccc | cc | aa | cc | a | ag | g | ac | cc | tc | at | 3544 | | | |
| 318 | Gly | Pro | Ser | Val | Phe | Leu | Phe | Pro | Pro | Lys | Pro | Lys | Asp | Thr | Leu | Met | | | | | | | |
| 319 | | 1010 | | | 1015 | | | 1020 | | | | | | | | | | | | | | | |
| 321 | atc | tcc | cg | cc | c | c | tt | g | tc | aca | tgc | gt | gt | gt | g | ac | cac | 3592 | | | | | |
| 322 | Ile | Ser | Arg | Thr | Pro | Glu | Val | Thr | Cys | Val | Val | Val | Asp | Val | Ser | His | | | | | | | |
| 323 | | 1025 | | | 1030 | | | 1035 | | | | | | | | | | | | | | | |
| 325 | gaa | gac | cct | gag | gtc | aag | ttc | aac | tgg | tac | gt | g | ac | gg | gt | g | ag | gt | 3640 | | | | |
| 326 | Glu | Asp | Pro | Glu | Val | Lys | Phe | Asn | Trp | Tyr | Val | Asp | Gly | Val | Glu | Val | | | | | | | |

VERIFICATION SUMMARY
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Input Set : A:\1102-98.txt
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L:38 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:41 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:44 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:47 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:50 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:384 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:387 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:390 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:393 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:396 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:852 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:855 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19
L:858 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19
L:861 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19
L:864 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19